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Polyvinylidene fluoride material sheathed in polyamide - and plasticised with butylbenzenesulphonamide

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Patent Family

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FR 2602515	A	19880212	FR 8611546	A	19860808	198814	B

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Patent Details

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Abstract:

FR 2602515 A

A material based on polyvinylidene fluoride sheathed with polyamide is improved in that the PVdF is plasticised with butylbenzene sulphonamide (I). Pref. the PVdF contains 0.5-40 wt% of (I).

USE/ADVANTAGE - PVdF pipes sheathed in polyamide are used partic in the petroleum industry. To improve its flexibility PVdF is usually plasticised with a sebacate, partic dibutyl sebacate (DBS). However, in contact with water, the polyamide sheat tends to degrade when using sebacate plasticisers. The use of (I) instead of sebacate overcomes this problem, the polyamide retaining its desirable properties.

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